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JAPANESE INDUSTRIAL STANDARD

Band dryer — Test and inspection methods

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Band dryer - Test and inspection methods

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1. Scope

This Japanese Industrial Standard specifies the construction, nominal sizes, functional tests, running tests, and methods of inspection on accuracies and of inspection on machining accuracies of the band dryers for veneers of 2500 mm or over to 4200 mm or under in width of wire gauze, 2 steps or over in number of steps, 5 or over in number of heating sections, and of straight advancing type⁽¹⁾, single turnback type⁽²⁾ and double turnbacks type⁽³⁾.

Notes (1) That type of band dryer in which the workpiece is conveyed in a straight advance (abbreviation Type D).

(2) That type of band dryer in which the workpiece is conveyed in a single turnback (abbreviation Type U).

(3) That type of band dryer in which the workpiece is conveyed in double turnbacks (abbreviation Type S).

Remarks 1. The applicable standard to this Standard is as given in the following:

JIS B 6521-Methods of measurement for noise emitted by wood working machinery

2. In the Standard, the units and numerical values given in { } are in accordance with the traditional units and are appended for informative reference.

2. Construction

Taking thermal deformations into consideration, the respective parts of the band dryer shall be those having sufficient rigidity respectively so that inflicting no ill influence on the machining accuracies.

3. Nominal sizes

The nominal sizes of the band dryers shall be in accordance with Table 1, being expressed by the widths of the wire gauzes (mm).

Table 1. Nominal dimensions

Nominal size	Width of wire gauze	
	Dimension	Tolerance
2500	2500	± 50
2800	2800	
3000	3000	
3200	3200	
3400	3400	
4200	4200	